Lean Construction Institute Webinar

Production Planning Using BIM 360 Plan

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Sales and Channel Readiness - Construction
Today’s Agenda

- Brief Overview of Production Planning Principles & the Intersection of BIM 360 Plan
- BIM 360 Plan Demo
- Starting Your Plan using BIM 360 Plan
- Questions
Production Planning
Short Range Production Planning

- **Master Schedule**: High level plan for what “SHOULD” get done.
  - Break down to project phases (site, structure, interiors, etc.)

- **Pull/Phase Plan**: Plan for what “CAN” get done based on removing Roadblocks.

- **Look Ahead Plan**: Commitments for what “WILL” get done in the next week.

- **Weekly Work Plan**: Review what “DID” get done and adjust the work plan if needed.

- **Roadblocks**: Review of previous week’s work and adjustments.

- **Results & Review**: Final check of tasks completed and any necessary changes made.
Update the Plan - Activity Status Workflow

1. Open
   - Install Ducts
     Hospital > Level 1

2. Committed
   - Install Ducts
     Hospital > Level 1

3a. Complete
   - Install Ducts
     Hospital > Level 1

4a. Incomplete
   - Install Ducts
     Hospital > Level 1
   - Root Cause (required)
     - Select A Root Cause
     - Under-estimated Effort
     - Previous Handoff Incomplete
     - Work Area Not Available
     - Equipment Not Available

4b. Reschedule
   - Install Ducts
     Hospital > Level 1
Activity Types

**Task** – used for most production commitments

**Milestone** – taken from the Master Schedule

**Roadblock** – used for RFIs, Submittals and other “constraints” that block the planned flow of work

**Inspection** – used for GC or IOR inspections

**Delivery** – used to track material delivery logistics
See Autodesk at LCI World Congress
Booth # 7

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